

Clarion

PSWJPGC Camouflage Powered Subwoofer
GRAND CHEROKEE
Fits '99 – 2000 Jeep Grand Cherokee's

PREPARATION

Parts list

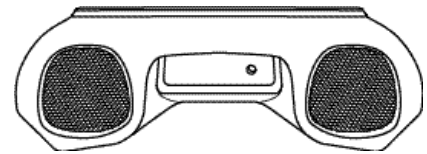
(Qty) Component

Preassembled

- (1) Roto-molded subwoofer enclosure
- (2) 8"; 2 ohm subwoofer
- (1) 100W class "D" amplifier
- (2) Speaker grille

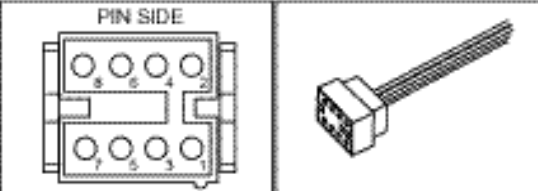
Loose Components

- (1) 17' wire harness w/ pigtail style connector
- (4) 1" self-taping Phillips screws
- (1) 1/2" ground screw
- (1) Star washer
- (2) Attachment Hold Down Clamps
- (2) "U" shaped brackets



WIRING:

1	Green	Left + Speaker Level Input
2	Violet/Blk	Right - Speaker Level Input
3	Green/Blk	Left - Speaker Level Input
4	Violet	Right + Speaker Level Input
5	Blank	Not Used
6	Black	Chassis Ground
7	Blue	Amplifier Turn-on Lead
8	Yellow	+ 12V Constant



Note: Installer **MUST** disconnect speaker-input leads to amplifier when using line-level input

OVERVIEW

The Clarion Camouflage subwoofer system provides for the installation of a low frequency driver in an enclosure which is powered by a small low current, high power class "D" (Digital) amplifier. The advantage to using this type of amplifier is in the low current consumption of the amplifier at high power levels. The class "D" amplifier provided with this system will produce a rated 100W into a 2 ohm load. The woofer supplied with this system uses a voice coil with rated impedance of 2 ohms, and therefore is not considered a standard woofer. Replacing the woofer with any driver having an impedance greater than 2 ohms will yield lower power output from the amplifier, and is not recommended.

PROCEDURE

Proper installation of this product requires proper tools and knowledge of car audio principles. If you are not comfortable performing any of the outlined tasks below, contact a professional installation facility to perform the work.

OUTLINE

- Remove the head unit.
- Connect the Clarion "T" harness between the radio and factory wiring and route the harness extension to rear passenger side of the vehicle.
- Remove rear quarter trim panel.
- Install subwoofer enclosure.
- Test subwoofer enclosure and head unit functions (fade, balance, dim, etc.).
- Adjust subwoofer gain.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS.

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND**
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.**

1a. WIRING USING A CLARION "T" HARNESS

There are 2 methods to connect this product to the vehicle. Please refer to section 1a and 1b for each.

• STEP 1:

Remove the Radio.

• STEP 2:

Connect the "T" Harness.

- Unplug factory wires from radio.
- Plug the "T" harness in line with the radio wiring. SEE DIAGRAM 1.
- Connect the BLACK wire on "T" harness to radio chassis.

• STEP 3:

Route the wire harness from the radio to the rear passenger side of the vehicle.

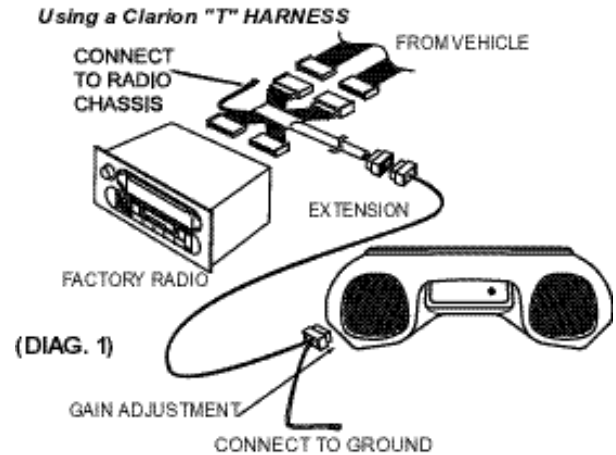
•STEP 4:

Connect the amplifier ground wire to a clean chassis ground near the subwoofer enclosure.

STEP 5:

TEST and SET the GAIN.

- Turn on the system and be sure all speakers are working properly.
- Set the subwoofer amplifier gain to a suitable level.



1b. WIRING USING THE SUPPLIED HARNESS

• STEP 1:

Remove the Radio.

• STEP 2:

Connect the wires.

- Yellow: Connect to Constant 12V Power
Black: Connect to Radio Ground or Chassis
Blue: Connect to Amp/Antenna Turn-on Lead
Green: Connect to Left Rear Speaker (+) Positive Lead
Green/Black: Connect to Left Rear Speaker (-) Negative Lead
Violet: Connect to Right Rear Speaker (+) Positive Lead
Violet/Black: Connect to Right Rear Speaker (-) Negative Lead

• STEP 3:

Route the wire harness from the radio to the rear passenger side of the vehicle.

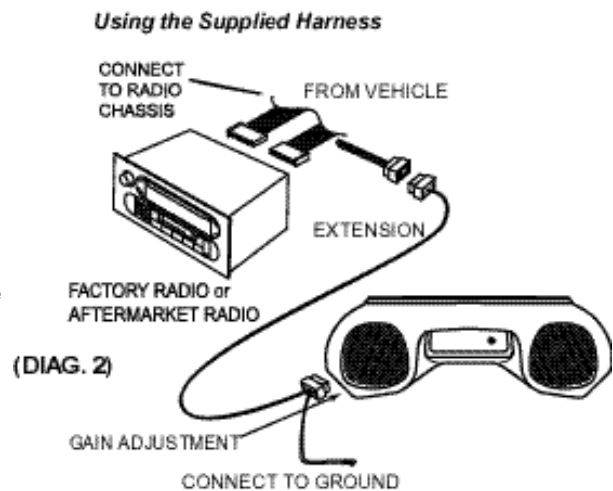
•STEP 4:

Connect the amplifier ground wire to a clean chassis ground near the subwoofer enclosure.

STEP 5:

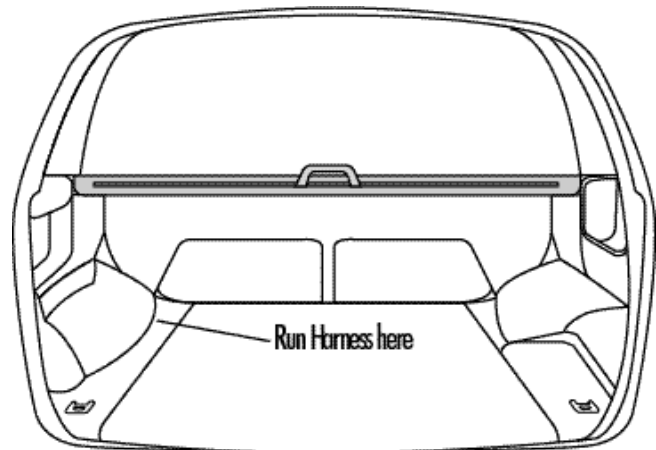
TEST and SET the GAIN.

- Turn on the system and be sure all speakers are working properly.
- Set the subwoofer amplifier gain to a suitable level.



II. RUN WIRE HARNESS

- A. Run harness to the rear driver's side wheel well hump.

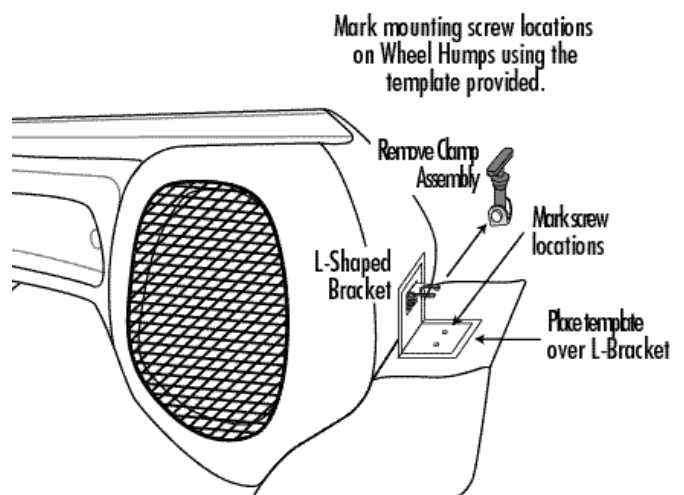


III. TEST THE ENCLOSURE

- A. Remove security shade from the rear cargo area.
- B. Place the enclosure into the vehicle (the enclosure rests on the two rear wheel well humps, the subwoofer will aim toward the back of the vehicle).
- C. Plug the wire harness into the enclosure.
- D. Plug in the "T" harness behind the radio (or hard wire the supplied 'pigtail' harness to the factory wiring).
- E. Test for proper operation.
- F. Adjust subwoofer gain (gain pod is located on the amplifier next to the wire harness connector, and is adjustable with a Phillips screw driver).

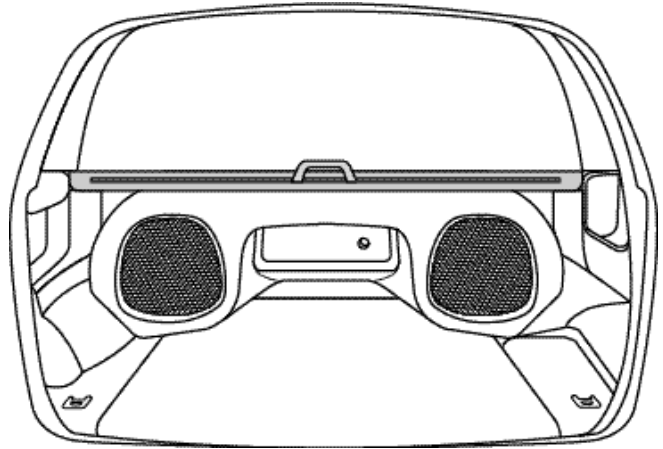
IV. ATTACH THE ENCLOSURE

- A. Reinstall the rear security shade.
- B. Position the enclosure so that it is centered between the wheel wells.
- C. Prepare the provided template by cutting out the indicated sections.
- D. Mark the correct location for each of the hook bases onto each wheel well.
- E. Attach the hook base to the vehicle using the (2) supplied 1" self-taping screws (the hook will have to be removed from its base for this step).
- F. Reattach the hook to the base.
- G. Latch the hook onto the metal bracket on the enclosure.



V. REASSEMBLE THE VEHICLE

- A. Make sure all the wires are hidden. Then do the process in reverse order.



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